# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Monday 17 Oct 2022 until 23:59 on Tuesday 18 Oct 2022

Forecast Issued on Sunday 16 Oct 2022 at 12:04

**Confidence:** High for a lot of dry weather on Monday, Tuesday and most of Wednesday then a change to more unsettled and windy conditions for the rest of the period. Some uncertainty in details of rain late on Wednesday and during Thursday.

**Headline for Monday 17 Oct 2022:** Windy with summit gales just slowly easing. Dry with plenty of sunshine.

**Mountain weather hazards on Monday 17 Oct 2022**

**Blizzards**
No Likelihood

**Gales**
Low Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Light rain | Partly cloudy (night) | Partly cloudy (night) | Sunny intervals | Sunny | Sunny | Clear night | Clear night |
| Precipitation probability | | | | | | | |
| 70% | 30% | 20% | 10% | <05% | <05% | <05% | <05% |

**Forecast for Monday 17 Oct 2022**

**Weather:** Rain clearing soon after midnight then clear spells and isolated showers in the early hours, these will quickly die out in the morning. It will be a bright day with plenty of sunshine but windy, especially during the morning. A clear evening and becoming cold with patchy fog and frost developing.

**Chance of cloud-free hill tops above 600m:** 95%.

**Low cloud and visibility:** Mostly excellent visibility. Patchy cloud on the highest summits at first but this will soon clear.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Monday 17 Oct 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 25/33 S | 24/34 SW | 24/35 SW | 27/37 SW | 28/41 SW | 27/38 SW | 22/34 SW | 17/26 SW | 12/18 SW |
| **300** | 20/30 S | 18/28 SW | 18/29 SW | 21/31 SW | 22/35 SW | 19/30 SW | 15/26 SW | 11/19 SW | 7/12 SW |
| **Valley** | 14/31 S | 11/27 SW | 11/27 SW | 13/29 SW | 17/34 SW | 15/30 SW | 10/25 SW | 6/17 SW | 3/10 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/6 | 10/6 | 8/4 | 8/3 | 10/5 | 10/6 | 8/4 | 7/3 | 6/3 |
| **300** | 12/9 | 12/9 | 11/7 | 11/7 | 13/9 | 13/9 | 10/8 | 9/6 | 8/6 |
| **Valley** | 13/10 | 12/10 | 11/8 | 11/9 | 14/10 | 14/11 | 11/8 | 9/7 | 7/6 |
| **Freezing Level*** | 2500m | 1800m | 1600m | 1400m | 1600m | 1500m | 1500m | 1500m | 1400m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A bright but windy day with some buffeting and tiring conditions at times on the high moors and summits.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Sun 16 Oct 2022 | 1.2mm | 14.2mm | 14.4mm |

**Forecast for Tuesday 18 Oct 2022**

**Weather:** Clear spells in the early hours with patchy fog in the valleys but this quickly clearing. A dry and bright day with long sunny spells. Dry with clear spells in the evening but winds freshening on the tops.

**Maximum wind:** Easterly 10-15mph increasing 20mph gusts 30mph in evening.

**Chance of cloud-free hill tops above 600m:** 95%.

**Low cloud and visibility:** Mostly very good visibility. Early fog patches quickly clearing.

**Temperature:** **Valleys:** Plus 1 Celsius rising to 11or 12 Celsius.
**At 600m:** Plus 3 Celsius rising to 9 Celsius.
**Freezing level:** Above summits.

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